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NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 FEB 27 New STN AnaVist pricing effective March 1, 2006  
NEWS 4 MAY 10 CA/CAPLUS enhanced with 1900-1906 U.S. patent records  
NEWS 5 MAY 11 KOREAPAT updates resume  
NEWS 6 MAY 19 Derwent World Patents Index to be reloaded and enhanced  
NEWS 7 MAY 30 IPC 8 Rolled-up Core codes added to CA/CAPLUS and  
USPATFULL/USPAT2  
NEWS 8 MAY 30 The F-Term thesaurus is now available in CA/CAPLUS  
NEWS 9 JUN 02 The first reclassification of IPC codes now complete in  
INPADOC  
NEWS 10 JUN 26 TULSA/TULSA2 reloaded and enhanced with new search and  
and display fields  
NEWS 11 JUN 28 Price changes in full-text patent databases EPFULL and PCTFULL  
NEWS 12 JUL 11 CHEMSAFE reloaded and enhanced  
NEWS 13 JUL 14 FSTA enhanced with Japanese patents  
NEWS 14 JUL 19 Coverage of Research Disclosure reinstated in DWPI  
NEWS 15 AUG 09 INSPEC enhanced with 1898-1968 archive  
NEWS 16 AUG 28 ADISCTI Reloaded and Enhanced  
NEWS 17 AUG 30 CA(SM)/CAPLUS(SM) Austrian patent law changes  
NEWS 18 SEP 11 CA/CAPLUS enhanced with more pre-1907 records  
  
NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.  
  
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FILE 'HOME' ENTERED AT 13:48:55 ON 11 SEP 2006

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DICTIONARY FILE UPDATES: 10 SEP 2006 HIGHEST RN 906318-57-8

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L1 13 PGSGRSA/SQSP

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	28.89	29.10

FILE 'CAPLUS' ENTERED AT 13:49:30 ON 11 SEP 2006  
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FILE COVERS 1907 - 11 Sep 2006 VOL 145 ISS 12  
FILE LAST UPDATED: 10 Sep 2006 (20060910/ED)

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=> s l2 not py>1999  
7119107 PY>1999  
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5290061 PY>2001  
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3249455 PY>2003  
L6 4 L2 NOT PY>2003

=> d ibib 1-4

L6 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:326645 CAPLUS  
DOCUMENT NUMBER: 138:298934  
TITLE: Nucleic acid and amino acid sequences relating to  
Pseudomonas aeruginosa for diagnostics and  
therapeutics  
INVENTOR(S): Rubenfield, Marc J.; Nolling, Jork; Deloughery, Craig;  
Bush, David  
PATENT ASSIGNEE(S): Genome Therapeutics Corporation, USA  
SOURCE: U.S., 455 pp.  
CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 8  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6551795	B1	20030422	US 1999-252991	19990218
US 6551795	B1	20030422	US 1999-252991	19990218
PRIORITY APPLN. INFO.:			US 1998-74788P	P 19980218
			US 1998-94190P	P 19980727
			US 1999-252991	A 19990218

L6 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:326641 CAPLUS  
DOCUMENT NUMBER: 138:298932  
TITLE: Nucleic acid and amino acid sequences relating to  
Pseudomonas aeruginosa for diagnostics and  
therapeutics  
INVENTOR(S): Rubenfield, Marc J.; Nolling, Jork; Deloughery, Craig;  
Bush, David  
PATENT ASSIGNEE(S): Genome Therapeutics Corporation, USA  
SOURCE: U.S., 455 pp.  
CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 8  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6551795	B1	20030422	US 1999-252991	19990218
US 6551795	B1	20030422	US 1999-252991	19990218
PRIORITY APPLN. INFO.:			US 1998-74788P	P 19980218
			US 1998-94190P	P 19980727
			US 1999-252991	A 19990218

L6 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:808456 CAPLUS  
 DOCUMENT NUMBER: 137:321282  
 TITLE: Use of mouse genes encoding envelope interacting proteins EIP-1 and EIP-3 for gene therapy using retroviral vectors  
 INVENTOR(S): Goff, Stephen P.; Li, Xingqiang  
 PATENT ASSIGNEE(S): The Trustees of Columbia University In the City of New York, USA  
 SOURCE: U.S., 53 pp.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6469153	B1	20021022	US 1998-82358	19980520
PRIORITY APPLN. INFO.:			US 1998-82358	19980520
REFERENCE COUNT:	16	THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L6 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2001:565218 CAPLUS  
 DOCUMENT NUMBER: 135:163405  
 TITLE: Nucleic acids and their encoded polypeptides from human fetus  
 INVENTOR(S): Yeung, George; Ford, John E.; Boyle, Bryan J.; Arterburn, Matthew C.; Drmanac, Radoje A.; Tang, Y. Tom; Liu, Chenghua; Asundi, Vinod; Zhou, Ping; Werhman, Tom  
 PATENT ASSIGNEE(S): Hyseq, Inc., USA; Tang, Y Tom; et al.  
 SOURCE: PCT Int. Appl., 715 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 126  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001055339	A2	20010802	WO 2001-US2723	20010125
WO 2001055339	A3	20020510		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG AU 2001033047 A5 20010807 AU 2001-33047 20010125 PRIORITY APPLN. INFO.: US 2000-491404 A 20000125 US 2000-663870 A 20000915 US 2000-707351 A 20001106 WO 2001-US2723 W 20010125				

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 2101105 PY>2004  
 L7 4 L2 NOT PY>2004

=> s 12 not py>2005

880795 PY>2005  
L8 11 L2 NOT PY>2005

=> s l8 not l7  
L9 7 L8 NOT L7

=> d ibib 1-7

L9 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:1178956 CAPLUS  
DOCUMENT NUMBER: 143:417035  
TITLE: Insights into genome plasticity and pathogenicity of  
the plant pathogenic bacterium *Xanthomonas campestris*  
pv. *vesicatoria* revealed by the complete genome  
sequence  
AUTHOR(S): Thieme, Frank; Koebnik, Ralf; Bekel, Thomas; Berger,  
Carolin; Boch, Jens; Buettner, Daniela; Caldana,  
Camila; Gaigalat, Lars; Goesmann, Alexander; Kay,  
Sabine; Kirchner, Oliver; Lanz, Christa; Linke,  
Burkhard; McHardy, Alice C.; Meyer, Folker;  
Mittenhuber, Gerhard; Nies, Dietrich H.;  
Niesbach-Kloesgen, Ulla; Patschkowski, Thomas;  
Rueckert, Christian; Rupp, Oliver; Schneiker, Susanne;  
Schuster, Stephan C.; Vorhoelter, Frank-Joerg; Weber,  
Ernst; Puehler, Alfred; Bonas, Ulla; Bartels, Daniela;  
Kaiser, Olaf  
CORPORATE SOURCE: Institut fuer Genetik, Martin-Luther-Universitaet,  
Halle, D-06120, Germany  
SOURCE: Journal of Bacteriology (2005), 187(21), 7254-7266  
CODEN: JOBAAY; ISSN: 0021-9193  
PUBLISHER: American Society for Microbiology  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 112 THERE ARE 112 CITED REFERENCES AVAILABLE FOR  
THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE  
FORMAT

L9 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:421785 CAPLUS  
DOCUMENT NUMBER: 142:469183  
TITLE: Heparin-binding growth factor modified protein  
matrices containing XIIIa substrate domain for tissue  
repair, regeneration, remodeling and/or drug delivery  
INVENTOR(S): Hubbell, Jeffrey A.; Schense, Jason C.;  
Sakiyama-Elbert, Shelly E.  
PATENT ASSIGNEE(S): Eidgenossische Technische Hochschule Zurich, Switz.;  
Universitat Zurich  
SOURCE: U.S., 29 pp., Cont.-in-part of U.S. Ser. No. 141,153,  
abandoned.  
CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 7  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6894022	B1	20050517	US 2000-563760	20000501
US 6468731	B1	20021022	US 2000-675922	20000929
US 2003187232	A1	20031002	US 2002-323046	20021217
PRIORITY APPLN. INFO.:			US 1998-141153	B2 19980827
			US 2000-563760	A2 20000501
REFERENCE COUNT:	76	THERE ARE 76 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L9 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:859423 CAPLUS  
DOCUMENT NUMBER: 139:359916  
TITLE: Genome of cyanophage S-2L, genes for 2,6-diaminopurine and 2,6-diaminopurine nucleotide biosynthesis, and encoded proteins  
INVENTOR(S): Marliere, Philippe; Kaminski, Pierre Alexandre; Galisson, Frederique; Bouzon, Madeleine; Pochet, Sylvie; Weissenbach, Jean; Saurin, William; Robert, Catherine; Vico, Virginie  
PATENT ASSIGNEE(S): Institut Pasteur, Fr.; Centre National de la Recherche Scientifique CNRS; Genoscope - Centre National de Sequencage  
SOURCE: Fr. Demande, 423 pp.  
CODEN: FRXXBL  
DOCUMENT TYPE: Patent  
LANGUAGE: French  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2839079	A1	20031031	FR 2002-5424	20020430
CA 2483706	AA	20031113	CA 2003-2483706	20030428
WO 2003093461	A2	20031113	WO 2003-FR1328	20030428
WO 2003093461	A3	20040401		
WO 2003093461	C1	20040624		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2003249159	A1	20031117	AU 2003-249159	20030428
EP 1499713	A2	20050126	EP 2003-747467	20030428

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

PRIORITY APPLN. INFO.: FR 2002-5424 A 20020430  
WO 2003-FR1328 W 20030428

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:777435 CAPLUS  
DOCUMENT NUMBER: 139:296919  
TITLE: Growth factor modified protein matrices for tissue repair, regeneration, remodeling and/or drug delivery  
INVENTOR(S): Hubbell, Jeffrey A.; Schense, Jason C.; Sakiyama-Elbert, Shelly E.; Jen, Anna  
PATENT ASSIGNEE(S): Eidgenossische Technische Hochschule Zurich  
Universitat Zurich, Switz.  
SOURCE: U.S. Pat. Appl. Publ., 38 pp., Cont.-in-part of U.S. Ser. No. 563,760.  
CODEN: USXXCO  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 7  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003187232	A1	20031002	US 2002-323046	20021217
US 6894022	B1	20050517	US 2000-563760	20000501
US 2003166833	A1	20030904	US 2002-325021	20021218
JP 2005517658	T2	20050616	JP 2003-552958	20021218
PRIORITY APPLN. INFO.:			US 1998-141153	B2 19980827
			US 2000-563760	A2 20000501
			US 2001-24918	A2 20011218
			WO 2002-EP12458	A 20021107
			US 2002-323046	A2 20021217
			WO 2002-US41114	W 20021218

L9 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:320016 CAPLUS

DOCUMENT NUMBER: 138:316745

TITLE: Imaging the activity of extracellular proteases in cells using mutant anthrax toxin protective antigens that are cleaved by specific extracellular proteases, and diagnostic and drug screening applications

INVENTOR(S): Bugge, Thomas H.; Leppla, Stephen H.; Liu, Shi-Hui; Mitola, David

PATENT ASSIGNEE(S): The Government of the United States of America, as Represented by the Secretary of the Department of Health and Human Services, USA

SOURCE: PCT Int. Appl., 99 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003033648	A2	20030424	WO 2002-US28397	20020905
WO 2003033648	A3	20040617		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
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AU 2002359244	A1	20030428	AU 2002-359244	20020905
US 2005123476	A1	20050609	US 2003-488806	20020905
PRIORITY APPLN. INFO.:			US 2001-317550P	P 20010905
			WO 2002-US28397	W 20020905

L9 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2001:582024 CAPLUS

DOCUMENT NUMBER: 135:176459

TITLE: Nucleic acids and their encoded polypeptides from human tissues

INVENTOR(S): Tang, Y. Tom; Liu, Chenghua; Drmanac, Radoje T.

PATENT ASSIGNEE(S): Hyseq, Inc., USA

SOURCE: PCT Int. Appl., 1963 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 126

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001057188	A2	20010809	WO 2001-US3800	20010205
WO 2001057188	A3	20020228		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW			
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EP 1574520	A2	20050914	EP 2005-5504	20010202
EP 1574520	A3	20051221		
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AU 2001043142	A5	20010814	AU 2001-43142	20010205
US 2003100746	A1	20030529	US 2002-114500	20020401
US 2004219521	A1	20041104	US 2002-128558	20020422
US 2003224379	A1	20031204	US 2002-243552	20020912
US 2004053245	A1	20040318	US 2003-276774	20030624
US 2005059073	A1	20050317	US 2004-968674	20041019
PRIORITY APPLN. INFO.:			US 2000-496914	A 20000203
			US 2000-560875	A 20000427
			US 2000-488725	A2 20000121
			US 2000-491404	B2 20000125
			US 2000-543774	B1 20000405
			US 2000-552317	B2 20000425
			US 2000-215733P	P 20000628
			US 2000-721115	A 20001122
			WO 2000-US35017	A2 20001222
			US 2001-757562	B2 20010109
			WO 2001-US2623	A2 20010125
			EP 2001-908837	A3 20010202
			US 2001-266614P	P 20010205
			WO 2001-US3800	W 20010205
			WO 2001-US4927	A 20010226
			WO 2001-US4941	A 20010305
			US 2001-802704	B1 20010308
			WO 2001-US8631	A 20010330
			US 2001-282397P	P 20010405
			WO 2001-US8656	A 20010416
			WO 2001-US14827	A 20010516
			US 2001-894912	A1 20010628
			US 2001-322511P	P 20010913
			US 2001-339453P	P 20011211

L9 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2001:228924 CAPLUS

DOCUMENT NUMBER: 134:265140

TITLE: Mutated anthrax toxin protective antigen proteins that specifically target cells containing high amounts of cell-surface metalloproteinases or plasminogen activator receptors

INVENTOR(S): Leppla, Stephen H.; Liu, Shi-Hui; Netzel-Arnett, Sarah; Hansen-Birkedal, Henning; Bugge, Thomas

PATENT ASSIGNEE(S): Government of the United States of America, as Represented by the Secretary, Department of Health and Human Services, USA

SOURCE: PCT Int. Appl., 77 pp.  
CODEN: PIXXD2

DOCUMENT TYPE: Patent



LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001021656	A2	20010329	WO 2000-US26192	20000922
WO 2001021656	A3	20020117		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2385122	AA	20010329	CA 2000-2385122	20000922
AU 2001025725	A5	20010424	AU 2001-25725	20000922
AU 771632	B2	20040401		
EP 1214340	A2	20020619	EP 2000-989184	20000922
EP 1214340	B1	20041124		
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AT 283280	E	20041215	AT 2000-989184	20000922
PT 1214340	T	20050429	PT 2000-989184	20000922
ES 2233495	T3	20050616	ES 2000-989184	20000922
PRIORITY APPLN. INFO.:			US 1999-155961P	P 19990924
			WO 2000-US26192	W 20000922

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E1 THROUGH E48 ASSIGNED

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COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	26.62	55.72

FILE 'REGISTRY' ENTERED AT 13:52:20 ON 11 SEP 2006  
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STRUCTURE FILE UPDATES: 10 SEP 2006 HIGHEST RN 906318-57-8  
DICTIONARY FILE UPDATES: 10 SEP 2006 HIGHEST RN 906318-57-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> file caplus  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.44	56.16

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 13:52:29 ON 11 SEP 2006  
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FILE COVERS 1907 - 11 Sep 2006 VOL 145 ISS 12  
FILE LAST UPDATED: 10 Sep 2006 (20060910/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> d his

(FILE 'HOME' ENTERED AT 13:48:55 ON 11 SEP 2006)

FILE 'REGISTRY' ENTERED AT 13:49:12 ON 11 SEP 2006

L1 13 S PGSGRSA/SQSP

FILE 'CAPLUS' ENTERED AT 13:49:30 ON 11 SEP 2006

L2 13 S L1  
L3 0 S L2 NOT PY>1999  
L4 0 S L2 NOT PY>2000  
L5 0 S L2 NOT PY>2001  
L6 4 S L2 NOT PY>2003  
L7 4 S L2 NOT PY>2004  
L8 11 S L2 NOT PY>2005  
L9 7 S L8 NOT L7  
SEL RN 2

FILE 'REGISTRY' ENTERED AT 13:52:20 ON 11 SEP 2006

FILE 'CAPLUS' ENTERED AT 13:52:29 ON 11 SEP 2006

=> d kwic 19 2

L9 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN  
IT 37520-01-7DP, fusion products 109081-50-7DP, fusion products  
607679-51-6DP, fusion products 607679-52-7DP, fusion products  
607679-53-8DP, fusion products 607679-54-9DP, fusion products  
607679-55-0DP, fusion products 607679-56-1DP, fusion products  
RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified);  
PRP (Properties); THU (Therapeutic use); BIOL (Biological study); PREP  
(Preparation); USES (Uses)  
(amino acid sequence, protease substrate; heparin-binding growth factor  
modified protein matrixes containing XIIIa substrate domain for tissue  
repair, regeneration, remodeling and/or drug delivery)

```
=> file reg
COST IN U.S. DOLLARS                SINCE FILE      TOTAL
                                     ENTRY      SESSION
FULL ESTIMATED COST                0.79      56.95
```

FILE 'REGISTRY' ENTERED AT 13:52:58 ON 11 SEP 2006  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 10 SEP 2006 HIGHEST RN 906318-57-8  
DICTIONARY FILE UPDATES: 10 SEP 2006 HIGHEST RN 906318-57-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

```
=> s 607679-56-1DP
L10      0 607679-56-1DP
          (607679-56-1DP/RN)
```

```
=> s 607679-56-1
L11      1 607679-56-1
          (607679-56-1/RN)
```

```
=> file his
'HIS' IS NOT A VALID FILE NAME
SESSION CONTINUES IN FILE 'REGISTRY'
Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files
that are available. If you have requested multiple files, you can
specify a corrected file name or you can enter "IGNORE" to continue
accessing the remaining file names entered.
```

```
=> d his
```

(FILE 'HOME' ENTERED AT 13:48:55 ON 11 SEP 2006)

FILE 'REGISTRY' ENTERED AT 13:49:12 ON 11 SEP 2006

```
L1      13 S PGSGRSA/SQSP
```

FILE 'CAPLUS' ENTERED AT 13:49:30 ON 11 SEP 2006

```
L2      13 S L1
L3      0 S L2 NOT PY>1999
L4      0 S L2 NOT PY>2000
L5      0 S L2 NOT PY>2001
L6      4 S L2 NOT PY>2003
L7      4 S L2 NOT PY>2004
L8      11 S L2 NOT PY>2005
L9      7 S L8 NOT L7
```

SEL RN 2

FILE 'REGISTRY' ENTERED AT 13:52:20 ON 11 SEP 2006

FILE 'CAPLUS' ENTERED AT 13:52:29 ON 11 SEP 2006

FILE 'REGISTRY' ENTERED AT 13:52:58 ON 11 SEP 2006

L10 0 S 607679-56-1DP  
L11 1 S 607679-56-1

=> s l1 and l2

L12 13 L1 AND L2

=> s l11 and l2

L13 1 L11 AND L2

=> d rn seq sql

L13 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 607679-56-1 REGISTRY

SEQ 1 PGSGRSASG  
=====

HITS AT: 1-7

SQL 9

=> file medline

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

6.49

63.44

FILE 'MEDLINE' ENTERED AT 13:54:21 ON 11 SEP 2006

FILE LAST UPDATED: 9 Sep 2006 (20060909/UP). FILE COVERS 1950 TO DATE.

On December 11, 2005, the 2006 MeSH terms were loaded.

The MEDLINE reload for 2006 is now (26 Feb.) available. For details  
on the 2006 reload, enter HELP RLOAD at an arrow prompt (=>).  
See also:

<http://www.nlm.nih.gov/mesh/>  
[http://www.nlm.nih.gov/pubs/techbull/nd04/nd04\\_mesh.html](http://www.nlm.nih.gov/pubs/techbull/nd04/nd04_mesh.html)  
[http://www.nlm.nih.gov/pubs/techbull/nd05/nd05\\_med\\_data\\_changes.html](http://www.nlm.nih.gov/pubs/techbull/nd05/nd05_med_data_changes.html)  
[http://www.nlm.nih.gov/pubs/techbull/nd05/nd05\\_2006\\_MeSH.html](http://www.nlm.nih.gov/pubs/techbull/nd05/nd05_2006_MeSH.html)

OLDMEDLINE is covered back to 1950.

MEDLINE thesauri in the /CN, /CT, and /MN fields incorporate the  
MeSH 2006 vocabulary.

This file contains CAS Registry Numbers for easy and accurate  
substance identification.

=> s PGSGRSA

L14 0 PGSGRSA  
0 PGSGRSA

=> file pctfull

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.39

63.83

FILE 'PCTFULL' ENTERED AT 13:54:36 ON 11 SEP 2006  
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FILE LAST UPDATED: 8 SEP 2006 <20060908/UP>  
MOST RECENT UPDATE WEEK: 200635 <200635/EW>  
FILE COVERS 1978 TO DATE

>>> IMAGES ARE AVAILABLE ONLINE AND FOR EMAIL-PRINTS <<<

>>> NEW IPC8 DATA AND FUNCTIONALITY NOW AVAILABLE IN THIS FILE.  
SEE  
<http://www.stn-international.de/stndatabases/details/ipc-reform.html> >>>

>>> FOR CHANGES IN PCTFULL PLEASE SEE HELP CHANGE  
(last updated April 10, 2006) <<<

>>> NEW PRICES IN PCTFULL AS OF 01 JULY 2006. FOR DETAILS,  
PLEASE SEE HELP COST <<<

=> s PGSGRSA  
L15 3 PGSGRSA

=> d ibib 1-3

L15 ANSWER 1 OF 3 PCTFULL COPYRIGHT 2006 Univentio on STN  
ACCESSION NUMBER: 2005090393 PCTFULL ED 20051004 EW 200539  
TITLE (ENGLISH): MULTIMERIC PROTEIN TOXINS TO TARGET CELLS HAVING  
MULTIPLE IDENTIFYING CHARACTERISTICS  
TITLE (FRENCH): TOXINES PROTEIQUES MULTIMERIQUES DESTINEES A CIBLER DES  
CELLULES POSSEDANT PLUSIEURS CARACTERISTIQUES  
D'IDENTIFICATION  
INVENTOR(S): LEPPLA, Stephen H., 9501 Starmont Road, Bethesda,  
Maryland 20817, US [US, US];  
LIU, Shi-Hui, 14516 Settlers Landing Way, Gaithersburg,  
Maryland 20878, US [CN, US];  
BUGGE, Thomas H., 9802 Bristol Square Lane, Apt. #302,  
Bethesda, Maryland 20814, US [DK, US]  
PATENT ASSIGNEE(S): THE GOVERNMENT OF THE UNITED STATES, AS REPRESENTED BY  
THE SECRETARY OF HEALTH AND HUMAN SERVICES, National  
Institutes of Health, Office of Technology Transfer,  
6011 Executive Boulevard, Suite 325, Rockville,  
Maryland 20852-3804, US [US, US], for all designates  
States except US;  
LEPPLA, Stephen H., 9501 Starmont Road, Bethesda,  
Maryland 20817, US [US, US], for US only;  
LIU, Shi-Hui, 14516 Settlers Landing Way, Gaithersburg,  
Maryland 20878, US [CN, US], for US only;  
BUGGE, Thomas H., 9802 Bristol Square Lane, Apt. #302,  
Bethesda, Maryland 20814, US [DK, US], for US only  
AGENT: FANG, Carol A.\$, Townsend and Townsend and Crew LLP,  
Two Embarcadero Center, 8th Floor, San Francisco,  
California 94111-3834\$, US  
LANGUAGE OF FILING: English  
LANGUAGE OF PUBL.: English  
DOCUMENT TYPE: Patent  
PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2005090393	A2	20050929

DESIGNATED STATES

W:

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO  
CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR  
HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV  
MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO

	RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US
	UZ VC VN YU ZA ZM ZW
RW (ARIPO):	BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
RW (EAPO):	AM AZ BY KG KZ MD RU TJ TM
RW (EPO):	AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT
	LT LU MC NL PL PT RO SE SI SK TR
RW (OAPI):	BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
APPLICATION INFO.:	WO 2005-US4216 A 20050209
PRIORITY INFO.:	US 2004-60/543,417 20040209

L15 ANSWER 2 OF 3 PCTFULL COPYRIGHT 2006 Univentio on STN  
 2003033648 PCTFULL ED 20030430 EW 200317  
 ACCESSION NUMBER:  
 TITLE (ENGLISH): IMAGING THE ACTIVITY OF EXTRACELLULAR PROTEASES IN  
 CELLS USING MUTANT ANTHRAX TOXIN PROTECTIVE ANTIGENS  
 THAT ARE CLEAVED BY SPECIFIC EXTRACELLULAR PROTEASES  
 TITLE (FRENCH): IMAGERIE DE L'ACTIVITE DE PROTEASES EXTRACELLULAIRES  
 DANS DES CELLULES PAR UTILISATION D'ANTIGENES DE  
 PROTECTION CONTRE LA TOXINE DU CHARBON MUTANTS QUI SONT  
 CLIVES PAR DES PROTEASES EXTRACELLULAIRES SPECIFIQUES  
 INVENTOR(S): BUGGE, Thomas, H., 9802 Bristol Square Lane, Apt. 302,  
 Bethesda, MD 20814, US [US, US];  
 LEPPLA, Stephen, H., 9501 Starmont Road, Bethesda, MD  
 20817, US [US, US];  
 LIU, Shi-Hui, 5114 Parklawn Terrace, Apt. 202,  
 Rockville, MD 20852, US [CN, US];  
 MITOLA, David, 902C South Charles Street, Baltimore, MD  
 21230, US [US, US]  
 PATENT ASSIGNEE(S): THE GOVERNMENT OF THE UNITED STATES OF AMERICA, as  
 represented by THE SECRETARY OF THE DEPARTMENT OF  
 HEALTH AND HUMAN SERVICES, National Institutes of  
 Health, Office of Technology Transfer, 6011 Executive  
 Blvd., Suite 325, Rockville, MD 20852-3804, US [US,  
 US], for all designates States except US;  
 BUGGE, Thomas, H., 9802 Bristol Square Lane, Apt. 302,  
 Bethesda, MD 20814, US [US, US], for US only;  
 LEPPLA, Stephen, H., 9501 Starmont Road, Bethesda, MD  
 20817, US [US, US], for US only;  
 LIU, Shi-Hui, 5114 Parklawn Terrace, Apt. 202,  
 Rockville, MD 20852, US [CN, US], for US only;  
 MITOLA, David, 902C South Charles Street, Baltimore, MD  
 21230, US [US, US], for US only  
 AGENT: PARENT, Annette, S.\$, Townsend and Townsend and Crew  
 LLP, Two Embarcadero Center, Eighth Floor, San  
 Francisco, CA 94111-3834\$, US  
 LANGUAGE OF FILING: English  
 LANGUAGE OF PUBL.: English  
 DOCUMENT TYPE: Patent  
 PATENT INFORMATION:

	NUMBER	KIND	DATE
	WO 2003033648	A2	20030424
DESIGNATED STATES			
W:	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR		
	CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID		
	IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD		
	MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI		
	SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW		
RW (ARIPO):	GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW		
RW (EAPO):	AM AZ BY KG KZ MD RU TJ TM		
RW (EPO):	AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC		
	NL PT SE SK TR		
RW (OAPI):	BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG		
APPLICATION INFO.:	WO 2002-US28397	A	20020905
PRIORITY INFO.:	US 2001-60/317,550		20010905

L15 ANSWER 3 OF 3 PCTFULL COPYRIGHT 2006 Univentio on STN  
 ACCESSION NUMBER: 2001021656 PCTFULL ED 20020820  
 TITLE (ENGLISH): MUTATED ANTHRAX TOXIN PROTECTIVE ANTIGEN PROTEINS THAT SPECIFICALLY TARGET CELLS CONTAINING HIGH AMOUNTS OF CELL-SURFACE METALLOPROTEINASES OR PLASMINOGEN ACTIVATOR RECEPTORS  
 TITLE (FRENCH): PROTEINES ANTIGENES PROTECTRICES CONTRE LES TOXINES D'ANTHRAX AYANT SUBI UNE MUTATION, ET CIBLANT DES CELLULES PRESENTANT DE GRANDES QUANTITES DE METALLOPROTEINASES DE SURFACE CELLULAIRE OU DE RECEPTEURS D'ACTIVATEURS DU PLASMINOGENE  
 INVENTOR(S): LEPPLA, Stephen, H.;  
 LIU, Shi-Hui;  
 NETZEL-ARNETT, Sarah;  
 HANSEN-BIRKEDAL, Henning;  
 BUGGE, Thomas  
 PATENT ASSIGNEE(S): THE GOVERNMENT OF THE UNITED STATE OF AMERICA, as represented by THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES;  
 LEPPLA, Stephen, H.;  
 LIU, Shi-Hui;  
 NETZEL-ARNETT, Sarah;  
 HANSEN-BIRKEDAL, Henning;  
 BUGGE, Thomas  
 DOCUMENT TYPE: Patent  
 PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2001021656	A2	20010329

DESIGNATED STATES  
 W:

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
--

APPLICATION INFO.: WO 2000-US26192 A 20000922  
 PRIORITY INFO.: US 1999-60/155,961 19990924

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	4.48	68.31

STN INTERNATIONAL LOGOFF AT 13:55:00 ON 11 SEP 2006